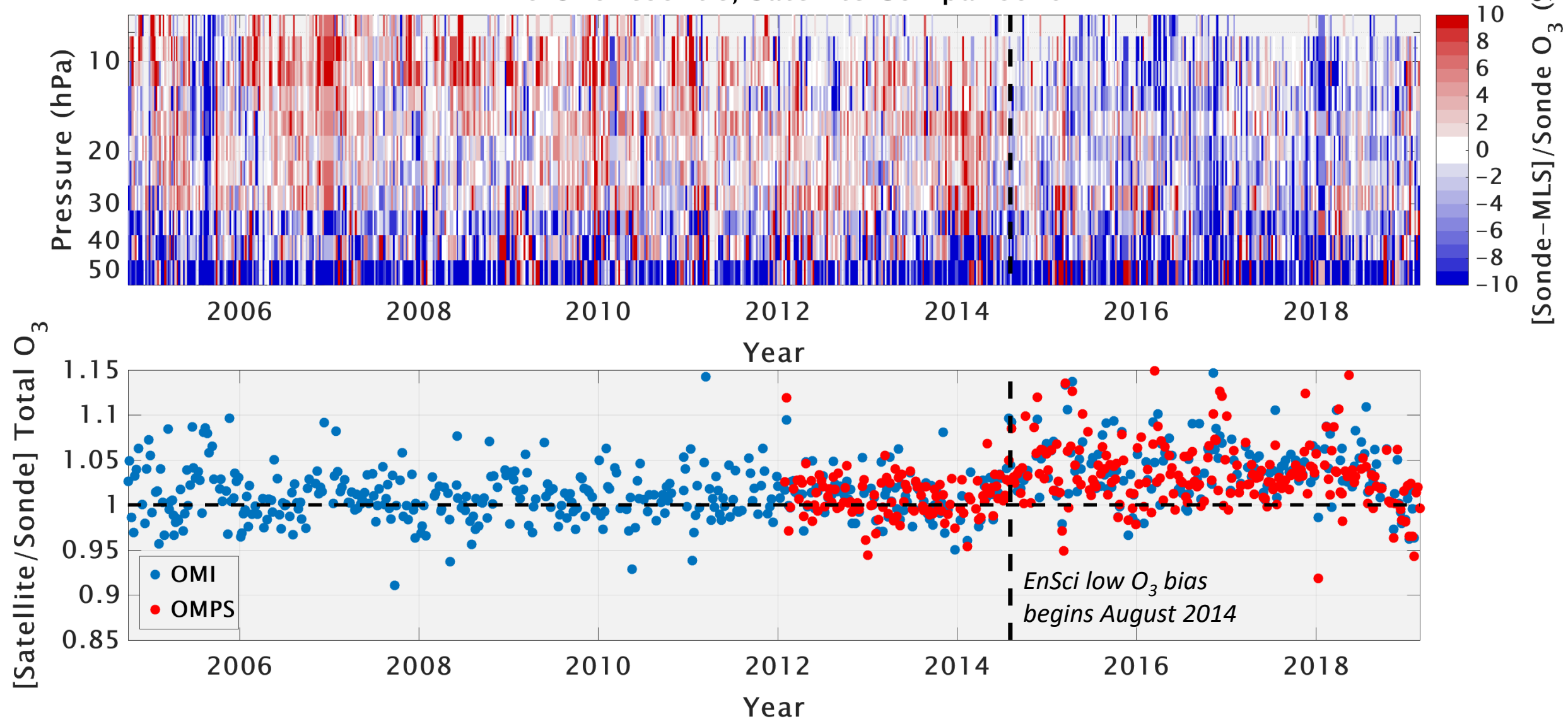
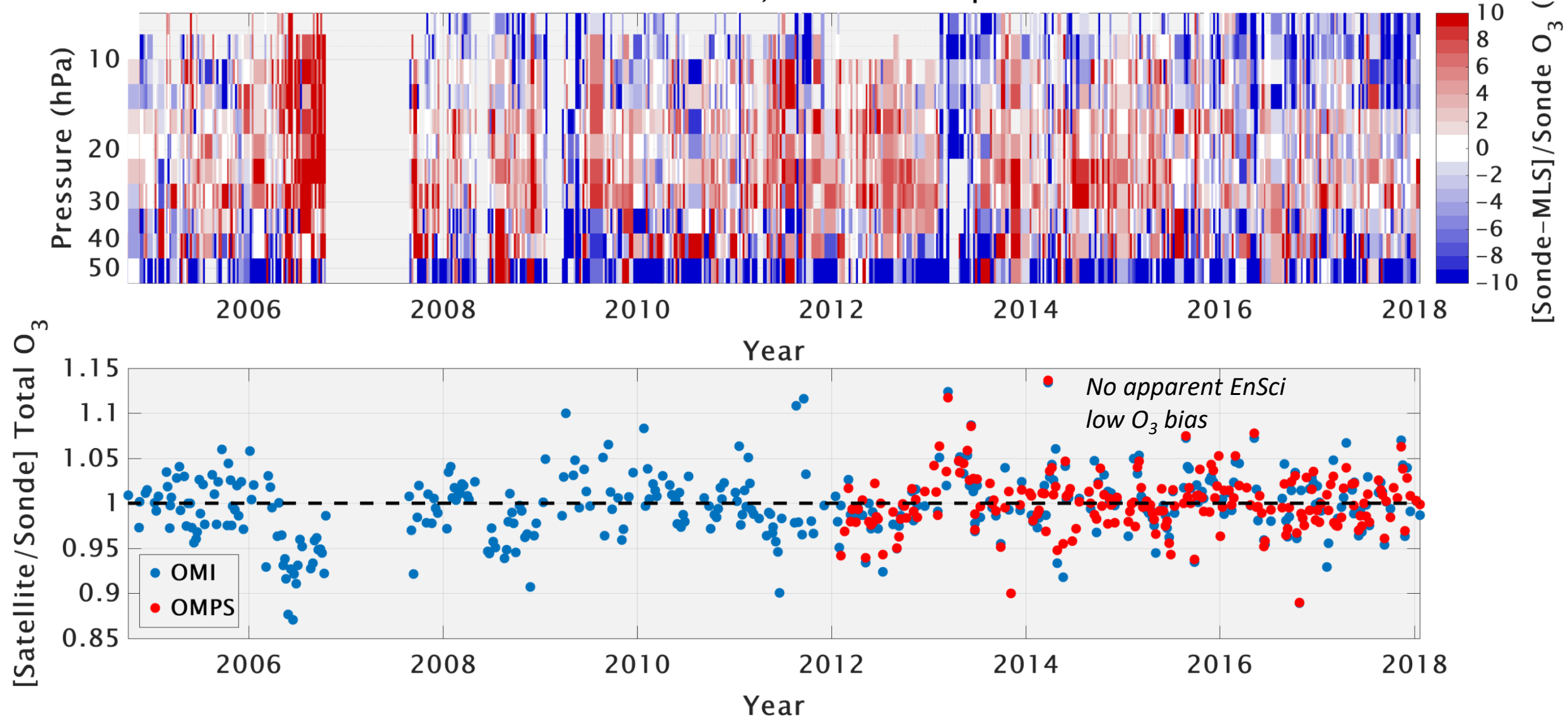


Hilo Ozonesonde, Satellite Comparisons



EnSci low O_3 bias ***affected*** site: Hilo, HI. The top panel shows differences between Hilo ozonesondes and Aura MLS stratospheric O_3 in percent. **Blue** colors indicate the ozonesonde O_3 is lower than MLS, and **red** colors indicate the ozonesonde O_3 is greater than MLS. The bottom panel shows the total O_3 column ratio (satellite/ozonesonde) with Aura OMI (**blue dots**) and Suomi NPP OMPS (**red dots**). The black vertical dashed line on both panels indicates when the bias began at Hilo, around August 2014.

Reunion Ozonesonde, Satellite Comparisons



EnSci low O_3 bias ***unaffected*** site: Reunion Island. The top panel shows differences between Reunion ozonesondes and Aura MLS stratospheric O_3 in percent. **Blue** colors indicate the ozonesonde O_3 is lower than MLS, and **red** colors indicate the ozonesonde O_3 is greater than MLS. The bottom panel shows the total O_3 column ratio (satellite/ozonesonde) with Aura OMI (**blue dots**) and Suomi NPP OMPS (**red dots**). There are no indications of a persistent low O_3 bias in the Reunion sondes.